

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended) A method of forming a uniform illumination pattern in a back-light plate, the back-light plate comprising two parallel illuminating faces and an incident side on one side of the back-light plate, and when a visible light incidents from the incident side into the back-light plate, the back-light plate reflect the visible light through the two illuminating faces, the method utilizing a press with a plurality of protruding elements to press an illuminating face of the back-light plate so as to form a plurality of recesses with predetermined depths thereon; τ

wherein the plurality of recesses forms the uniform illumination pattern on the back-light plate to make the back-light plate uniformly illuminated when the visible light incidents into the back-light plate;

wherein the press comprises a roller, the plurality of protruding elements being formed on a rolling surface of the roller, the circumference of the roller being equal to or greater than the length of the back-light plate.

Claim 2 (original) The method of claim 1 wherein the back-light plate is utilized inside a flat-bed scanner for generating a back-light source to scan a transparent document, or is utilized in an LCD monitor for generating a back-light source to illuminate an LCD panel.

Claim 3 (original) The method of claim 1 wherein the recess size and the spacing with its adjacent recess depend on the distance between the recess and the incident side of the back-light plate, and when the

distance between the recess and the incident side is longer, the recess size is designed larger and the spacing with its adjacent recess is designed shorter.

5

Claim 4 (cancelled).

Claim 5 (original) The method of claim 1 wherein the press is heated to make the plurality of protruding elements easily
10 pressed into the illuminating face of the back-light plate before being pressed on the back-light plate.

Claims 6-7 (cancelled).

15